

**What is claimed is:**

1. An infant formula composition comprising 3.2 mg/L to 15.4 mg/L of CMP; 1.8 mg/L to 11.0 mg/L of UMP; 1.8 mg/L to 8.0 mg/L of GMP; 0.1 mg/L to 2.2 mg/L of IMP; and 2.5 mg/L to 13.2 mg/L of AMP.
2. The infant formula composition of claim 1, comprising 4.2 mg/L to 11.6 mg/L of CMP; 2.4 mg/L to 8.3 mg/L of UMP; 2.4 mg/L to 6.0 mg/L of GMP; 0.1 mg/L to 1.7 mg/L of IMP; and 3.3 mg/L to 9.9 mg/L of AMP.
3. The infant formula composition of claim 2, comprising 5.3 mg/L to 7.7 mg/L of CMP; 3.0 mg/L to 5.5 mg/L of UMP; 3.0 mg/L to 4.0 mg/L of GMP; 0.1 mg/L to 1.1 mg/L of IMP; and 4.1 mg/L to 6.6 mg/L of AMP.
4. An infant formula composition having a total nucleotide concentration of 9.3 mg/L to 49.8 mg/L.
5. The infant formula composition of claim 4 having a total nucleotide concentration of 12.4 mg/L to 37.4 mg/L.
6. The infant formula composition of claim 5 having a total nucleotide concentration of 15.5 mg/L to 24.9 mg/L.
7. A method of feeding preterm infants comprising feeding said infant a nutritionally sufficient amount of the infant formula composition of claim 1.

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